United States Patent Application combined declaration and power of attorney

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **RATE MATCHING APPARATUS, SYSTEM, AND METHODS**

The specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

No such claim for priority is being made at this time.

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Attorney Docket No.: 884.909US1 Serial No. not assigned Filing Date: not assigned

Aldous, Alan Anglin, J. M. Arora, Suncel Bacon, Shireen Beektran, Marvin L. Bianchi, Tirmothy E. Billion, Richard E. Black, David W. Brake, Edward Brennan, Thornas F. Burge, Ben Chadwick, Robin A. Chen, George Choi, Glen Clark, Barbara J. Clise, Tirmothy B. Cochran, David R. Cool, Ktanneth J. Dahl, John M. DeLizio, Andrew Draeger, Jeffrey S. Drake, Eduardo E. Embretson, Janet E. Faatz, Cindy Fornest, Bradley A. Gagne, Christopher	Reg. No. 31,905 Reg. No. 24,916 Reg. No. 42,267 Reg. No. 40,494 Reg. No. 39,610 Reg. No. 39,610 Reg. No. 32,836 Reg. No. 32,836 Reg. No. 42,331 Reg. No. 35,075 Reg. No. 42,372 Reg. No. 35,075 Reg. No. 50,807 Reg. No. 50,807 Reg. No. 43,546 Reg. No. 38,107 Reg. No. 40,570 Reg. No. 44,639 Reg. No. 52,806 Reg. No. 41,000 Reg. No. 41,000 Reg. No. 40,594 Reg. No. 39,665 Reg. No. 39,673 Reg. No. 30,837 Reg. No. 36,142	Harris, Robert J. Huter, Jeffrey B. Jackson Huebsch, Katharine A. Jurkovich, Patti J. Kacvinsky, John Kalis, Janal M. Kalson, Seth Khma-Silberg, Catherine L. Kluth, Daniel J. Lacy, Rodney L. Lam, Peter Lemaire, Charles A. Lin, Issac Lundberg, Steven W. Lundberg, Steven W. Lundmark, David C. Maki, Peter L. Marinez, Anthony Mates, Robert E. McCrackin, Ann M. McGough, Kevin J. McTavish, Hugh E. Mehrle, Joseph P. Mennendier, Larry Mctzger, Erik	Reg. No. 37,346 Reg. No. 47,670 Reg. No. 44,813 Reg. No. 40,040 Reg. No. 37,650 Reg. No. 40,670 Reg. No. 37,650 Reg. No. 32,146 Rog. No. 41,136 Reg. No. 32,146 Rog. No. 36,198 Reg. No. 36,198 Reg. No. 30,568 Reg. No. 30,568 Reg. No. 30,568 Reg. No. 30,568 Reg. No. 42,815 Reg. No. 44,894 Reg. No. 42,815 Reg. No. 44,894 Reg. No. 44,894 Reg. No. 44,894 Reg. No. 45,635 Reg. No. 45,635 Reg. No. 51,003 Reg. No. 53,320	Nielsen, Walter W. Padys, Danny J. Parker, Lanny Parker, J. K. Peacock, Gregg A. Perdok, Monique M. Peret, Andrew R. Peterson, David C. Prout, William F. Puckett, Craig L. Reif, Kevin A. Schumm, Shorry W. Schwegman, Micheal L. Seddon, Ken Seeley, Mark Skabrat, Steve Skaist, Howard A. Speier, Gary J. Steffey, Charles E. Steiner, Paul E. Stordal, Leif T. Tong, Viet V. Tran, David Viksnins, Ann S. Wells, Calvin Willardson, Michael	Reg. No. 25,539 Reg. No. 35,635 Reg. No. 33,024 Reg. No. 44,281 Reg. No. 43,001 Reg. No. 42,989 Reg. No. 41,246 Reg. No. 47,857 Reg. No. 33,995 Reg. No. 36,381 Reg. No. 36,381 Reg. No. 36,381 Reg. No. 36,381 Reg. No. 36,281 Reg. No. 36,279 Reg. No. 36,279 Reg. No. 36,279 Reg. No. 36,279 Reg. No. 45,458 Reg. No. 45,458 Reg. No. 45,458 Reg. No. 46,251 Reg. No. 50,804 Reg. No. 37,748 Reg. No. 37,748 Reg. No. 50,856 Reg. No. 50,856
Embretson, Janet E. Faatz, Cindy	Reg. No. 39,665 Reg. No. 39,973 Reg. No. 30,837	McTavish, Hugh E. Mehrle, Joseph P. Mennemeier, Larry	Reg. No. 48,341 Reg. No. 45,535 Reg. No. 51,003	Viksnins, Ann S. Wells, Calvin	Reg. No. 37,748 Reg. No. 43,256

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:

P.O. Box 2938, Minneapolis, MN 55402

Telephone No. (612)373-6900

I hereby declare that all statements made herem of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor	number 1: <u>Inching Chen</u>	
Citizenship:	United States of America	Residence: Portland, OR
Post Office Address:	12869 NW Lorraine Drive	

Signature: Javing Sten Date: June 30, 2003

Signature: Date:	Full Name fjoint inventor number 2: Anthony L. Chun Citizenship: United States of America Post Office Address: 1711 Lantis Lane Los Altos, CA 94024		Residence: Los Altos, CA		
			Date:	 .	

§ 1.56 Duty to disclose information material to patentability.

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration need not be submitted if the information material to the patentability of a claim that is remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any claim existing claim. The duty to disclose all information known to be material to patentability of the patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by I 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

SCHWEGMAN ■ LUNDBERG ■ WOESSNER ■ KLUTH

United States Patent Application COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: <u>RATE MATCHING APPARATUS</u>, <u>SYSTEM</u>, <u>AND METHODS</u>

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Attorney Docket No.: 884.909US1

Serial No. not assigned Filing Date: not assigned

Aldous, Alan	Reg. No. 31,905	Harris, Robert J.	Reg. No. 37,346	Nielsen, Walter W.	Reg. No. 25,539
Anglin, J. M.	Reg. No. 24,916	Huter, Jeffrey B.	Reg. No. 41,086	Padys, Danny J.	Reg. No. 35,635
Angiin, J. M. Arora, Suneel	Reg. No. 42,267	Jackson Huebsch, Katharine A.	Reg. No. 47,670	Parker, Lanny	•
					Reg. No. 44,281
Bacon, Shireen	Reg. No. 40,494	Jurkovich, Patti J.	Reg. No. 44,813	Parker, J. K.	Reg. No. 33,024
Beekman, Marvin L	Reg. No. 38,377	Kacvinsky, John	Reg. No. 40,040	Peacock, Gregg A.	Reg. No. 45,001
Bianchi, Timothy E.	Reg. No. 39,610	Kalis, Janal M.	Reg. No. 37,650	Perdok, Monique M.	Reg. No. 42,989
Billion, Richard E.	Reg. No. 32,836	Kalson, Seth	Reg. No. 40,670	Peret, Andrew R.	Reg. No. 41,246
Black, David W.	Reg. No. 42,331	Klima-Silberg, Catherine I.	Reg. No. 40,052	Peterson, David C.	Reg. No. 47,857
Brake, Edward	Reg. No. 37,784	Kluth, Daniel J.	Reg. No. 32,146	Prout, William F.	Reg. No. 33,995
Brennan, Thomas F.	Reg. No. 35,075	Lacy, Rodney L.	Reg. No. 41,136	Puckett, Craig L.	Reg. No. 43,023
Burge, Ben	Reg. No. 42,372	Lam, Peter	Reg. No. 44,855	Reif, Kevin A.	Reg. No. 36,381
Chadwick, Robin A.	Reg. No. 36,477	Lemaire, Charles A.	Reg. No. 36,198	Schumm, Sherry W.	Reg. No. 39,422
Chen, George	Reg. No. 50,807	Lin, Issac	Reg. No. 50,672	Schwegman, Micheal L.	Reg. No. 25,816
Choi, Glen	Reg. No. 43,546	Lundberg, Steven W.	Reg. No. 30,568	Seddon, Ken	Reg. No. 43,105
Clark, Barbara J.	Reg. No. 38,107	Lundberg, Steven W.	Reg. No. 30,568	Seeley, Mark	Reg. No. 32,299
Clise, Timothy B.	Reg. No. 40,957	Lundmark, David C.	Reg. No. 42,815	Skabrat, Steve	Reg. No. 36,279
Cochran, David R.	Reg. No. 46,632	Maki, Peter C.	Reg. No. 42,832	Skaist, Howard A.	Reg. No. 36,008
Cool, Kenneth J.	Reg. No. 40,570	Malen, Peter L.	Reg. No. 44,894	Speier, Gary J.	Reg. No. 45,458
Dahl, John M.	Reg. No. 44,639	Martinez, Anthony	Reg. No. 44,223	Steffey, Charles E.	Reg. No. 25,179
DeLizio, Andrew	Reg. No. 52,806	Mates, Robert E.	Reg. No. 35,271	Steiner, Paul E.	Reg. No. 41,326
Draeger, Jeffrey S.	Reg. No. 41,000	McCrackin, Ann M.	Reg. No. 42,858	Stordal, Leif T.	Reg. No. 46,251
Drake, Eduardo E.	Reg. No. 40,594	McGough, Kevin J.	Reg. No. 31,279	Tong, Viet V.	Reg. No. 45,416
Embretson, Janet E.	Reg. No. 39,665	McTavish, Hugh E.	Reg. No. 48,341	Tran, David	Reg. No. 50,804
Faatz, Cindy	Reg. No. 39,973	Mehrle, Joseph P.	Reg. No. 45,535	Viksnins, Ann S.	Reg. No. 37,748
Forrest, Bradley A.	Reg. No. 30,837	Mennemeier, Larry	Reg. No. 51,003	Wells, Calvin	Reg. No. 43,256
Gagne, Christopher	Reg. No. 36,142	Metzger, Erik	Reg. No. 53,320	Willardson, Michael	Reg. No. 50,856
Gorrie, Gregory J.	Reg. No. 36,530	Muller, Mark V.	Reg. No. 37,509	Winkle, Robert G.	Reg. No. 37,474
Gortych, Joseph E.	Reg. No. 41,791	Nagy, Paul	Reg. No. 37,896	Woessner, Warren D.	Reg. No. 30,440
Greaves, John N.	Reg. No. 40,362	Nama, Prakash	Reg. No. 44,255	Wong, Sharon	Reg. No. 37,760
Green, Sharmini N.	Reg. No. 41,410	Nelson, A. James	Reg. No. 28,650	Yates, Steven D.	Reg. No. 42,242
Greenwald, Bradley A.	Reg. No. 34,341	Nicholls, Dennis A.	Reg. No. 42,036	Young, Charles K.	Reg. No. 39,435
		· · · · · · · · · · · · · · · · · · ·	10g. 110. 72,030	Tourig, Charles IC.	neg. 140. 33,433

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg, Woessner & Kluth, P.A. to the contrary. Please direct all correspondence in this case to Schwegman, Lundberg, Woessner & Kluth, P.A. at the address indicated below:

P.O. Box 2938, Minneapolis, MN 55402

Telephone No. (612)373-6900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Citizenship: Post Office Address:	United States of America 12869 NW Lorraine Drive Portland, OR 97229	Residence: Portland, OR	
Signature:		Date:	
]	nching Chen		
_			

Full Name of joint inventor number 1:

Inching Chen

Filing Date: not assigned

Full Name of joint inventor number 2:

Anthony L. Chun

Citizenship: Post Office Address: **United States of America**

1711 Lantis Lane Los Altos, CA 94024

Residence: Los Altos, CA

Date: June 30, 2003

- § 1.56 Duty to disclose information material to patentability.
- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability of each to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
 - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
 - (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or
 - (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
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- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
 - (1) Each inventor named in the application:
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.